

M.M.G.D. (sc)

SC-

मौला मंडल हाउस से कामा पाकर रजुनाथपुर

Schedule XLV-Form No.-134

Executive Engineer
R W D Works Division

DIVISION

Darbhangha-1

HAYAGHAT

SUB-DIVISION

MEASUREMENT BOOK

MB. No - 3453/19-20

सनीव कुमार सिंह

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Maintenance of road from					
Bhola Mandel House to Thama paker					
Raghunathpur-tota.					
Agency:- Sri Santosh Kumar Singh.					
Agreement NO - 58/SBD/2018-19 (mmcrs4-sc)					
Date of commencement (as per w/order):- 18/12/2018					
Date of completion (as per w/order):- 17/09/2019.					
Date of actual completion - 16/09/2019					
Item No - 58 Restoration of raincuts/Berms					
with soil - - - - - E/I					
$4 \times 5.00m \times 1.00m \times 0.30m \times 1.25 = 7.50 m^3$					
$5 \times 4.00m \times 1.00m \times 0.30m \times 1.25 = 8.25 m^3$					
$6 \times 5.00m \times 1.10m \times 0.30m \times 1.25 = 12.38 m^3$					

$4 \times 3.00m \times 0.90m \times 0.30m \times 1.25 = 4.05 m^3$	
$5 \times 4.00m \times 1.00m \times 0.30m \times 1.25 = 7.50 m^3$	
$4 \times 6.00m \times 0.90m \times 0.30m \times 1.25 = 8.10 m^3$	
$4 \times 8.00m \times 0.80m \times 0.30m \times 1.25 = 9.60 m^3$	
$3 \times 4.00m \times 0.70m \times 0.30m \times 1.25 = 3.15 m^3$	
Total = 60.53 m ³	

Item No - 59 Making up of Berms/shoulder, stopping	
ing excess soil - - - - - E/I	
$10 \times 4.00m \times 1.10m \times 1.25 = 55.00 m^3$	
$4 \times 12.00m \times 1.00m \times 1.25 = 60.00 m^3$	
$5 \times 8.00m \times 1.10m \times 1.25 = 55.00 m^3$	
$6 \times 9.00m \times 1.00m \times 1.25 = 67.50 m^3$	
$9 \times 5.00m \times 0.90m \times 1.25 = 50.63 m^3$	
$5 \times 8.00m \times 0.95m \times 1.25 = 47.50 m^3$	
Total = 335.63 m ³	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No - 60</u> Repair of pot holes					- E/I
	4	2.00 m	1.00 m	0.075 m	0.75 m^3
	5	3.00 m	1.50 m	0.075 m	2.11 m^3
	4	2.10 m	1.50 m	0.075 m	1.18 m^3
				Total =	4.04 m^3
				Limit	3.97 m^3
<u>Item No - 61</u> Patch repair over pot holes with					
20 mm premix Carpet					- E/I
	6	3.00 m	1.50 m	1.25	33.75 m^2
	4	2.00 m	1.00 m	1.25	10.00 m^2
	2	2.50 m	1.50 m	1.25	9.38 m^2
				Total =	53.13 m^2
				Limit	52.97 m^2
<u>Item No - 62</u> Maint. of C.D works (H.P. Culvert)					
				$1 \times 2 =$	2 Nos
				Total =	2 Nos
<u>Item No - 64</u> Maint of Road Sign,					
				Total Road length =	0.750 km
				Total =	0.750 km
<u>Item No 65</u> Maint. of 200 m of Kinstony.					
				Total Road length =	0.750 km
				Total =	0.750 km
<u>Item No 66</u> Cutting of branches of trees &					
Shrubs					- E/I
				$1 \times 2 =$	2 Nos.
				Total =	2 Nos

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No-67</u> Cutting of shrubs from roadway.					
				Lx 6 =	6 Ny.
				Total =	6 Ny.
<u>Item No-68</u> Trimming of grass and weeds.					
				5 x 3.00 m =	15.00 m ²
				Total =	15.00 m ²
<u>Item No-69</u> White washing of parapet walls - E/I					
				2x2x3.80 m x 0.40 m =	6.08 m ²
				2x2x3.80 m x 0.60 m =	9.12 m ²
				2x2x3.80 m x 1.50 m =	22.80 m ²
				2x4x0.60 m x 0.40 m =	1.92 m ²
				Total =	39.92 m ²
BKumar 24/2/23 JE				Guruya 02/12/23 AE	

ABSTRACT OF COST

<u>Item No-58</u> Restoration of rain cuts /					
Berm - E/I					
Pty 1P-25 of TMB.					
60.53 m ³ @ Rs. 390.29 per m ³ = Rs.					23624.00
<u>Item No-59</u> Making up of Berm /					
shoulders - E/I					
Pty 1P-25 of TMB					
335.63 m ² @ Rs. 52.17 per m ² = Rs.					17510.00
<u>Item No-60</u> Repair of pot holes - E/I					
Pty 1P-26 of TMB.					
3.97 m ³ @ Rs. 10125.84 per m ³ = Rs.					40200.00
<u>Item No-61</u> Patch repair over pot holes - E/I					
Pty 1P-26 of TMB.					
52.97 m ² @ Rs. 211.94 per m ² = Rs.					11226.00
Total Rs.					92560.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = B.		92560.00
<u>Item No. 62</u> Maint of CD wing					
(H.P. Culverts) - - - E/I					
Qty V/P. 26 of TMB					
2 Nos. @ B. 1131.64 each = B.					2263.00
<u>Item No. 64</u> Maint of road 8 km.					
Qty V/P-26 of TMB					
0.750 Km @ B. 1055.94 per km = B.					792.00
<u>Item No. 65</u> Maint of 200 m. f					
Km stones - - - E/I					
Qty V/P-26 of TMB					
0.750 Km @ B. 610.85 per km = B.					458.00
<u>Item No. 66</u> Cutting of branches of					
freed & shales - - - E/I					
Qty V/P-26 of TMB					
2 Nos @ B. 118.23 each = B.					236.00
<u>Item No. 67</u> Cutting of shrubs from					
roadway - - - E/I					
Qty V/P-27 of TMB					
6 Nos. @ B. 6.60 each = B.					40.00
<u>Item No. 68</u> Trimming of grass					
and weeds - - - E/I					
Qty V/P-27 of TMB					
15.00 m ² @ B. 2.20 per m ² = B.					33.00
<u>Item No. 69</u> white washing of					
parapet - - - E/I					
Qty V/P-27 of TMB					
39.92 m ² @ B. 15.98 per m ² = B.					638.00

Total = B. 97020.00

Continuation

Consumption Statement of Materials				
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$$E(w \text{ (ton)}) = 95.80 \text{ m}^3$$

Bitumen Emulsion (SS) : $4.85 \times 100 = 485\%$

Butanen erndigen (Pst) $\approx (1.65 + 1.60) = 3.25 \text{ Kg}$

$$\text{Bitumenem (g)} = (0.312 \text{ mT} + 0.114 \text{ mT}) = 0.426 \text{ mT.}$$

Stone chips = $(5.72 + 1.44) = 7.16 \text{ m}^3$.

Blank
02/12/23
JE'